

## Beginner Stem Cell Unit Overview



*Click on a lesson title below to view its outline*

Lesson Title	Matching Standards	Length	Requirements
Natural fertilization and <i>in vitro</i> fertilization create embryonic stem cells	HS-LS3-1	1-2 days	Internet, multiple computers, PowerPoint, projector, Play Doh
How does a stem cell "know" what to become?	HS-LS3-1 HS-LS1-3	1 day	Internet, multiple computers, projector
Stem cell differentiation and the microenvironment	HS-LS1-4	1-2 days	Internet, projector, laminator
Plenty of Planaria	HS-LS1-4	1-2 weeks	Varies; Planaria, petri dishes, other lab equipment

**View Advanced Unit Overview [here](#).**

**[Back to Next Generation Science Standards Unit.](#)**

**Source URL:** <https://www.cirm.ca.gov/our-progress/beginner-stem-cell-unit-overview>